AMENDMENTS TO THE SPECIFICATION

Please replace Paragraph [0002] with the following paragraph written in amended format:

[0002]   A vehicle having an internal combustion engine includes a fuel tank that stores liquid fuel, such as gasoline, diesel, methanol or other fuels. The liquid fuel evaporates into fuel vapors that increase pressure within the fuel tank. Evaporation is caused by energy that is transferred to the fuel tank. Sources of energy include radiation (e.g. sun energy), convection, and conduction. Increased vapor pressure in the fuel system may effect the rate that vapor fuel is released into the atmosphere through a leak in the fuel system. Vapor leak diagnostic systems attempt to diagnose vapor fuel leaks.

Please replace Paragraph [0019] with the following paragraph written in amended format:

[0019]   In step 100, control determines whether an ignition key has been switched to an off position. If false, control loops back to step 100. If true, control determines whether one or more pre-conditions are met in step 102. For example, one pre-condition may relate to engine temperature. For example, the pre-condition may relate to fuel level. For example, the pre-condition may require the fuel level to be between 15% to 85% of the rated fuel tank capacity. Other preconditions may require the vehicle 10 to run a first period, such as 10 minutes, and to be driven for a first distance, such as 3 miles. ~~It miles.~~ It can be appreciated that other temperature, time, and/or distance values may be used. Alternatively, other preconditions in addition to or instead of the

foregoing preconditions may be used. If the pre-conditions are not met, then control ends. If the pre-conditions are met, then control continues with step 104.

Please replace Paragraph [0020] with the following paragraph written in amended format:

[0020]   In step 104, control initiates the EONV test. In step 106, a present fuel level signal (FL_{pres}) from the fuel level sensor 49 is set equal to a reference fuel level (FL_{ref}). In step 108, control closes the vent valve 50 to seal the fuel system 12 <u>after a stabilization period</u>. In step 110, control compares the difference between a present vapor pressure signal (V_{pres}) and a reference vapor pressure signal (V_{ref}) to a predetermined vacuum value. If the difference is less than the predetermined or threshold value, control continues with step 112. Otherwise, a fuel filling event is detected and the controller 14 continues with step 124. V_{ref} is continuously updated based on V_{pres}. For example, V_{ref} can be updated every second although the rate of update may vary. Although V_{ref} is continuously updated based on V_{pres}, a sufficient amount of time typically elapses after the update event and prior to execution of step 110 for V_{pres} to vary from V_{ref}.